## CRF Errors Edited by the STIC Systems Branch

Serial	Number: $\frac{10/519/505}{\text{Edited by:}}$ CRF Edit Date: $\frac{2/24/0}{6}$
	Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line
	Corrected the SEQ ID NO. Sequence numbers edited were:
	Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
	Deleted:invalid beginning/end-of-file text ; page numbers
	Inserted mandatory headings/numeric identifiers, specifically:
	Moved responses to same line as heading/numeric identifier, specifically:
	Other:

## Raw Sequence Listing before editing, for reference only



RAW SEQUENCE LISTING DATE: 02/24/2006
PATENT APPLICATION: US/10/519,505 TIME: 12:33:16

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\02242006\J519505.raw

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3 <110> APPLICANT: Aarhus Universitet
   5 <120> TITLE OF INVENTION: Disease risk estimating method using sequence polymorphisms in a
ecific
          region of chromosome 19
   8 <130> FILE REFERENCE: P 687 PC00
-> 10 <140> CURRENT APPLICATION NUMBER: US/10/519,505
-> 10 <141> CURRENT FILING DATE: 2004-12-27
                                                            Dees Not Camply
  10 <160> NUMBER OF SEQ ID NOS: 172
                                                            Corrected Diskerio Nec
  12 <170> SOFTWARE: PatentIn version 3.1
  14 <210> SEQ ID NO: 1
  15 <211> LENGTH: 37790
  16 <212> TYPE: DNA
  17 <213> ORGANISM: Human - part of chromosome 19
  19 <400> SEQUENCE: 1
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                                                                     180
  24 ctttgcaggc cgggcgcggt ggctcaagcc tgtaatccca gcactttggg aggctgaggc
                                                                     240
  26 aggtggatca cctgaggtcg ggagttcaag accagcctga ccaacatgga gaaaacctgt
                                                                     300
  28 ctctactaaa gatacaaaat tagccgggcg tgctggcaaa tgcttgtaat cccagctact
  30 cgggaggctg aagcaggaga attgcttgaa cctgggaggc agaggttgca gtgagcagag
                                                                     360
  32 atggcgccgt cgcactctag cctgggcaac aaaagcgaaa ctccatttca aatattaata
                                                                     420
  34 ataataacta ataaataaaa cataaatgct agcttttgtt tgtttcttca acaaatagct
                                                                     480
  36 atgtggcatc taccatgtgt ctgatcctgt gctggcccct gggaacagaa aggtgaccat
                                                                     540
  38 gacageetea geacetgeee teaaagaaca gatttttte ettgagacag ggtetttete
  40 tgtcgccaag gctggagtgc agtggcacag tcacagctca ctgcagcctc cacctcttgg
                                                                     660
                                                                     720
  42 gctcaagcga tecteccace teagetteca gagtagetgg gaccacaggt gtgcaccace
                                                                     780
  44 aagcccagct aagttttatt ttttaaattt ttttagagac gaggtctcac cacgttgccc
                                                                     840
  46 aggctggtta aactcgcagg ttcaagtgat ceteteeet cageetttca aattgttggg
                                                                     900
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  50 tatatgatta cagcctggag tggtggctcg tgcctgtggt tccaacactt tggaaggcca
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  54 ccqtctctac aaaaaatgca aaaattagct gggcgtggtg gcgtgcacct gtagtcccag
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                                                                    1140
  56 atactcaqqa gqctqaqqtq qqaqaatcac ctgggcctgg gaggcagagg ttgcaatggg
  58 cagtgattgt gccactgcac tccagcctgg gcaacaggag tgaaaaccta tctcaaatgt
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  60 gtgtgtgtgt gtgtgtgtg gtgtgtgtg gcacgtgtat aatcacaagt acaaaagtgc
                                                                    1260
                                                                    1320
  62 tgtgaaggaa aacttcaagt caccataaag attgattatg ggctgggtgc agtggctcat
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  64 gcctgtaatc ccagcacttt gggaggccaa ggcagatgga tcacgaggtc aggagttcaa
  68 aagccaggca tagtggcatg catctgtaat cccatctact cgggaggcta aagcaggaga
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  70 attgcttgaa cccaggaggc agaagtgagc caagatcacg ccactgcact ccagcctgcg
                                                                    1560
  1620
  74 gtctactgtc aactgtgggg tgtgagtgtt ggccaagtga tcagagaagg cttcgtggaa
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                                                                    1740
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1800

DATE: 02/24/2006 RAW SEQUENCE LISTING PATENT APPLICATION: US/10/519,505 TIME: 12:33:16

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\02242006\J519505.raw

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84	tctttttaa	attaattaat	tcttaattta	tttatttttg	agacaaggtc	tcactctttc	1980
86	gcccagactg	gagtacagtg	gcacaatctc	agcgcaccgc	aacctctgcc	acccaggctc	2040
88	aagcaattct	ctggcctcag	cctccctagt	agctgggatt	acaggtgcgc	accactactg	2100
90	cccagctaat	ttttatactt	ttagtagaaa	cggggtttca	ctatgttggc	caggctggcc	2160
			gatccaccca				2220
			ctgtattttt				2280
			ggctcattgc				2340
			agctgggact				2400
			acgagggtat				2460
			cacctcagcc				2520
			atttacataa				2580
			ttattgacag				2640
			ctcagcctcc				2700
			aatctttact				2760
			caacccacct				2820
			atgctggtct				2880
			accagctatt				2940
			cacctccctc				3000
			tgtaatccta				3060
			accagectgg				3120
			atggtagcac				3180
			acccgggagg				3240
			caaagcaaga				3300
			accaaattaa				3360
			cacgcacgca				3420
			ttcttgagag				3480
			gaaagctcct				3540
			aacaggtgga				3600
			catctctatt				3660
			tactcagaag				3720
			ccgagatcgc				3780
			aacaaaagtc				3840
			aggccgaggc				3900
							3960
			gaaacctcat				4020
			tcccagctac				4080
			agtaagccaa				4140
			aagaaagaag				
			gagagaaagg				4200 4260
			tttttttt				4320
			agtggtgaga				4320
			tcagcctcct				
			atttttagta				4440
			aagggatctg				4500
			ccagcctgag				4560
			tttccagaac				4620
			tttttgagat				4680
176	tgcagtggca	cgatcttggc	tcaccacaac	ctccgcctcc	cggtttcaag	tgattctcct	4740

DATE: 02/24/2006 RAW SEQUENCE LISTING PATENT APPLICATION: US/10/519,505 TIME: 12:33:16

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\02242006\J519505.raw

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			ccacctgcct				4920
			aggctggttt				4980
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188	tcaagataca	caatttgaat	gaactccatg	gtccaagtcg	aattatctat	gatattaccc	5100
190	atctaataaa	cagcactatg	tcccttaatg	ggagaaaaag	ttggagaatt	taagagaata	5160
192	tcaatccaat	gttggttggg	tgcagtgaat	catgtctata	ttcccagcac	tttgggaggc	5220
			agcccaggaa				5280
			aaaaaaaaa				5340
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			gactcatctc				5460
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			caagtgtcac				5700
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			ggctgaggca				5940
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			aattattttg				6120
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			atttttgatc				6900
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			tcaccacaac				7020
			tggaactaca				7080
			ggtttcacca				7140
			tgacctccca				7200
			atttcaacac				7260
			aggattagct				7320
			gacacaaaag				7380
			ttagaaaggg				7440
			ggaaggccga				7500
			ggtgaaaccc				7560
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DATE: 02/24/2006 RAW SEQUENCE LISTING PATENT APPLICATION: US/10/519,505 TIME: 12:33:16

Input Set : A:\PTO.KD.txt

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280	tcaaaagaga	agaaagtcaa	tttctgtgca	aactactttt	atttataagg	aaagtttctc	7860
282	tattttgttt	ataaacatta	aaccagtgct	gtgtgaaggc	acttaattgg	ggagaggtgg	7920
284	ggcagggatc	ctggtagaga	ccaatgtttc	ccacccagac	cccaagactg	ctgggagaga	7980
286	tggtgtcagc	agtgactccc	aggaatatcc	agtggtgtgg	tggcccatcc	caggcccggc	8040
		gctggcttgc					8100
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292	cccagacctc	ccaaggctaa	ggcagattac	taaatttaag	gctggggccc	tccttcttcc	8220
		aggagaacag					8280
		gcagcaaaaa					8340
		tcagaaacct					8400
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		actgctccag					8580
		agcctccact					8640
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		tctctcaggg					8760
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		tctctactaa					8880
		acttgggagg					8940
		aagatcgcgc					9000
320	tccaaaaaca	aaacacacac	acacacacac	acagaaaaaa	aaaaccaaaa	taaaaaaatc	9060
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324	tttcctcagt	tacactgtaa	ttttattaat	ggatttttcc	tcattctgcc	caatgcagtg	9180
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		tgtcgcttcc					9720
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		ccagtctggg					10140
		cggtggctca					10200
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		tgggcgacag					10440
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DATE: 02/24/2006 RAW SEQUENCE LISTING TIME: 12:33:16 PATENT APPLICATION: US/10/519,505

Input Set : A:\PTO.KD.txt
Output Set': N:\CRF4\02242006\J519505.raw

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			ggcgcctgtc				11040
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			gatctcggct				11280
396	cattctcctg	cctcagcctc	ccgagtagct	gggactacag	gcgcccgcca	ccacgcctgg	11340
398	ctaatttttg	gtatttttag	tagagtcagg	gtttcaccgt	gttagccagg	atggtctcga	11400
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			actacaggcc				12120
			tttcaccgtg				12180
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			tggtgagatc				12360
			gcctcctcct				12420
			cacctataat				12480
			tgagaccagc				12540
438	taaaaataca	aaaaaaaaa	aaaaaaagt	tagcgggccg	tggggccctt	gcctgtaatc	12600
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446	tcttagcact	ttgggaggcc	aaggtgggca	gattgcctga	gctcaagagt	tcgggaccag	12840
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			cagctactca				12960
			agccgagatt				13020
			ataataaata				13080
			ctcacctttc				13140
			caactctccg				13200
460	tggctcctcc	aggtgtgaaa	tgaccctgtg	cacaatcccc	gtggcacagc	ctacttcgcc	13260
			tgatgtagcc				13320
			tctggcagct				13380
			agagcccacc				13440
			tcacccttga				13500
470	cagccactct	cctccccaaa	ggtgtccagc	tcgcatagca	cagcctccat	gtcccctttt	13560

## 10/519,505

Page 6

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<210> 172
<211> 21
<212> DNA
... <213> Artificial sequence
<220>
<223> Probe
<400> 172
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RAW SEQUENCE LISTING ERROR SUMMARY PATENT APPLICATION: US/10/519,505

DATE: 02/24/2006 TIME: 12:33:17

Input Set : A:\PTO.KD.txt

Output Set! N:\CRF4\02242006\J519505.raw

## valid Line Length:

rules require that a line not exceed 72 characters in length. This includes spaces.

1#:1; Line(s) 5

VERIFICATION SUMMARYDATE: 02/24/2006PATENT APPLICATION: US/10/519,505TIME: 12:33:17

Input Set : A:\PTO.KD.txt

Output Set! N:\CRF4\02242006\J519505.raw

10 M:270 C: Current Application Number differs, Replaced Current Application No
10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
1603 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
1605 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:172
1605 M:336 W: Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
1607 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:172
1609 M:336 W: Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
1609 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:172
1609 M:336 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
1611 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:172